

Tightening torques	Nm	(kpm)
Drain plug radiator model 115.1	6–10	(0.6–1)
Drain plug radiator model 123.1	1.5–2 ¹⁾	(0.15–0.2)

¹⁾ This torque can be set by means of a washer or a coin.

Mixing ratio of anti-freeze¹⁾ and water²⁾

Model	Anti-freeze/water in liters		
	115.1		123.1
Engine	615.912/913	615.940/941	617.912
	616.912/617.910	616.912	
Anti-freeze up to	– 20°C	3.75/7.25	3.75/7.25
	– 30°C	5.00/6.00	5.00/6.00
	– 40°C	5.75/5.25	5.75/5.25
Total filling capacity in liters	11	10	11

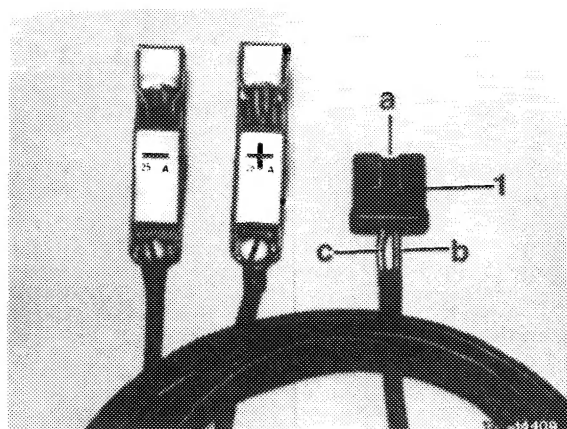
¹⁾ Refer to specifications for service products page 325.

²⁾ Refer to specifications for service products page 310.

³⁾ With water, add 1 % = 10 cc/l anti-corrosion compound, on model 115.1 also when using anti-freeze (refer to specifications for service products page 311).

Self-made tool for vehicles with automatic climate control

Coupling (1), part No. 002 545 49 28
approx. 1 m cable 1.5 mm² black (b) +
approx. 1 m cable 1.5 mm² brown (c) –
1 cable terminal +
1 cable terminal –

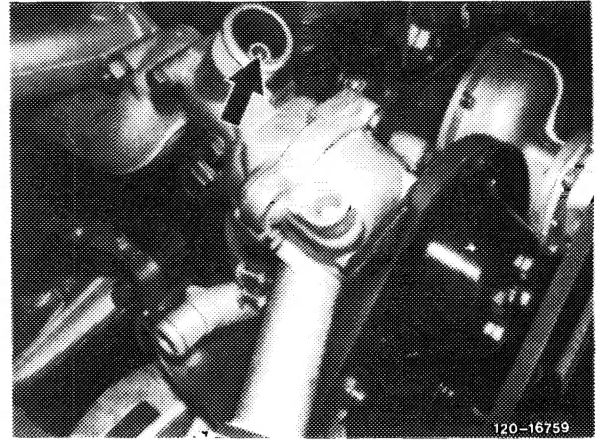


a = Fixing groove

Note

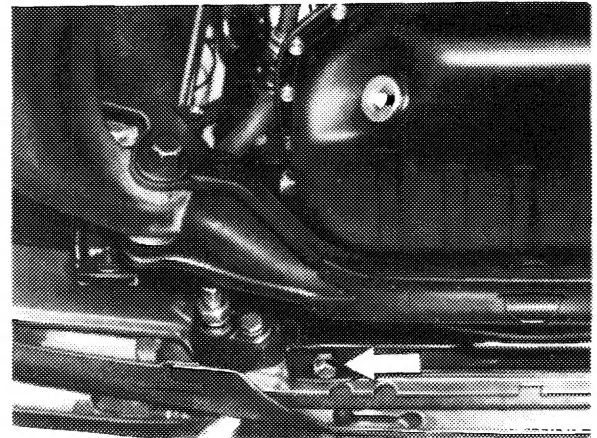
A thermostat housing with automatic vent is installed on model 123.1 starting February 1979 (2nd version).

When filling up on vehicles with automatic climate control, proceed as described in section „B“.

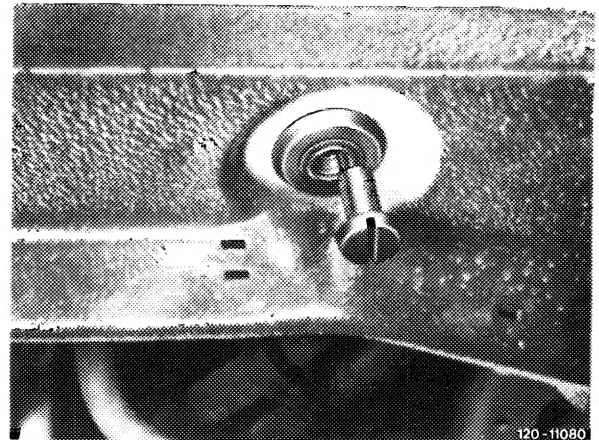


Draining

- 1 Open radiator cap in steps (only below 90°C).
- 2 Unscrew drain plug on radiator.

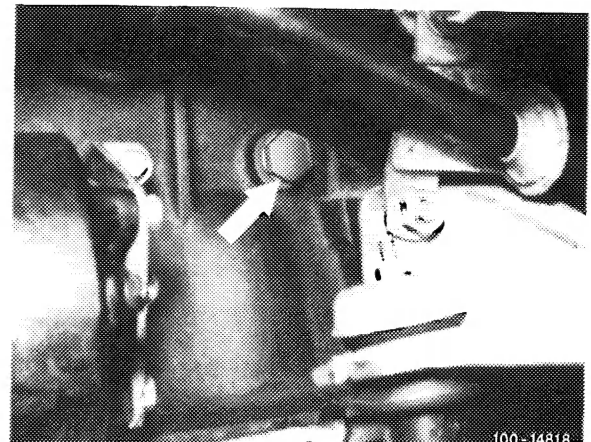


Model 115.1



Model 123.1

- 3 Unscrew drain plug on cylinder crankcase.

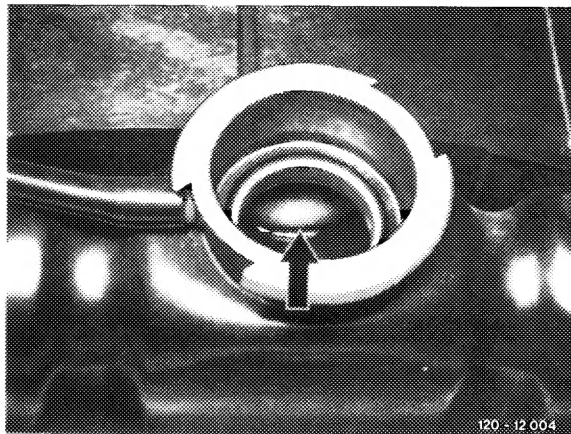


Filling-in

a) Vehicles without automatic climate control

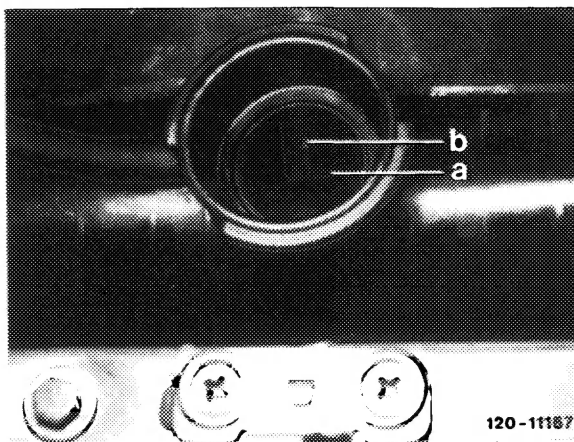
- 4 Fill-in coolant up to mark on radiator filler neck.
- 5 On models 115.1 and 123.1 (1st version), open vent screw on coolant thermostat housing until coolant flows out.

Model 115.1



- 6 Start engine and run warm. Mount radiator cap.

Model 123.1



b) Vehicles with automatic climate control

- 4 Slowly fill-in coolant up to mark on radiator filler neck. Do not mount radiator cap.
- 5 Start engine and run warm up to approx. 40°C.
- 6 Pull-off plug of heating water pump (arrow) on feed line. Connect heating water pump to battery with self-made tool and push „DEF“-button.
- 7 Run engine warm under intermittent acceleration until thermostat opens.

Note: Mount radiator cap starting at 60°C.

- 8 Connect heating water pump again to feed line.
- 9 Check coolant level (below 90°C) and fill-up to specified level.

